Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098213.D
Acq On : 13 Nov 2018 17:52
Operator : SJ/JU
Sample : J5864-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 13 18:24:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1117	0.40	ng		0.01
7) Naphthalene-d8	10.68	136	5577	0.40	ng		0.01
13) Acenaphthene-d10	14.54	164	3811	0.40	ng		0.01
19) Phenanthrene-d10	17.28	188	9661	0.40	ng		0.00
27) Chrysene-d12	21.46	240	10517	0.40	ng		0.00
34) Perylene-d12	24.01	264	10067	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1088	0.35	ng		0.00
5) Phenol-d6	7.05	99	1811	0.36	ng		0.00
8) Nitrobenzene-d5	9.03	82	1707	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	12.28	152	3095	0.32	ng		0.01
14) 2,4,6-Tribromophenol	16.03	330	524	0.32	ng		0.01
15) 2-Fluorobiphenyl	13.16	172	4633	0.29	ng		0.01
25) Fluoranthene-d10	19.32	212	38943	0.32	ng		0.00
29) Terphenyl-d14	19.91	244	7044	0.30	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.73	128	1637	0.029	ng	#	89
16) Acenaphthylene	14.25	152	389	0.022	ng	#	82
22) Pentachlorophenol	16.98	266	28	0.100	ng	#	74
23) Phenanthrene	17.33	178	1052	0.044	ng		95
26) Fluoranthene	19.34	202	4670	0.157	ng		99
28) Pyrene	19.71	202	5083	0.176	ng	#	95
30) Benzo(a)anthracene	21.45	228	5347	0.179	ng	#	90
31) Chrysene	21.45	228	4965	0.164	ng		96
32) Bis(2-ethylhexyl)phthalate	21.37	149	14099	0.227	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	2774	0.100	ng		99
35) Benzo(b)fluoranthene	23.23	252	5821	0.204	ng	#	88
36) Benzo(k)fluoranthene	23.23	252	5821	0.193	ng	#	86
37) Benzo(a)pyrene	23.90	252	4887	0.178	ng	#	88
38) Dibenzo(a,h)anthracene	26.72	278	575	0.025	ng	#	49
39) Benzo(g,h,i)perylene	27.53	276	2736	0.112	ng	#	88

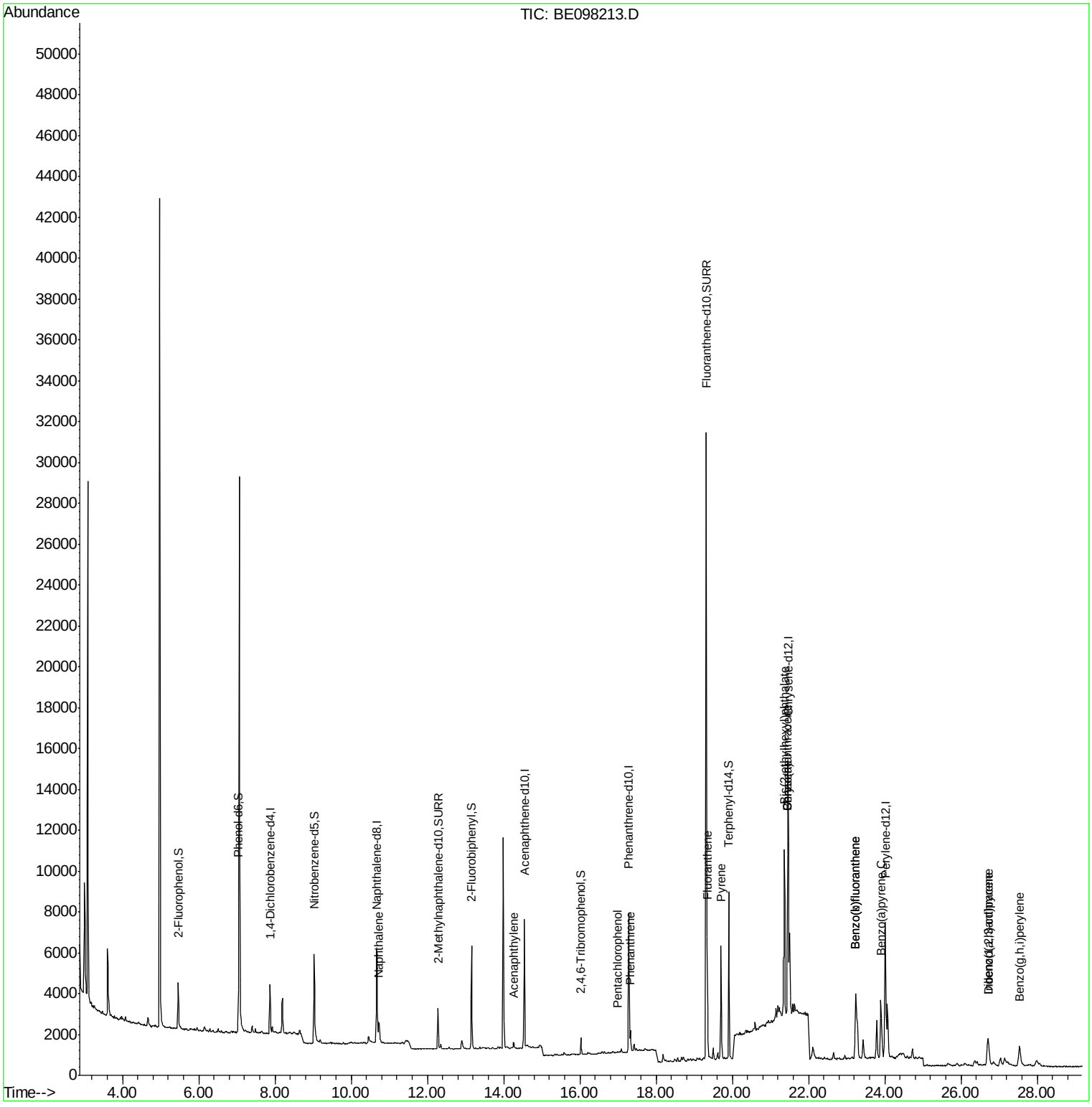
(#) = qualifier out of range (m) = manual integration (+) = signals summed

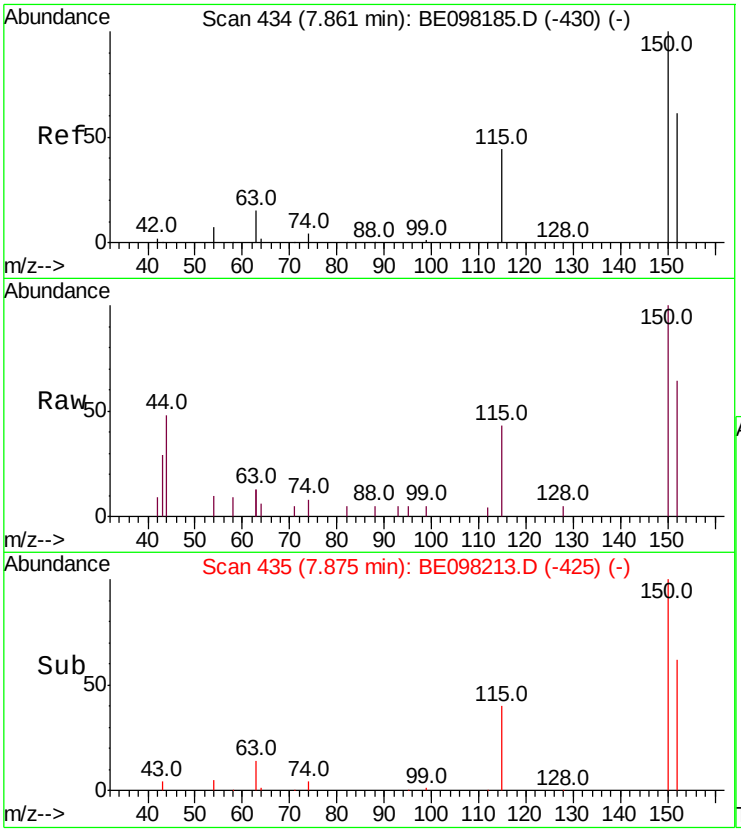
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098213.D
Acq On : 13 Nov 2018 17:52
Operator : SJ/JU
Sample : J5864-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 13 18:24:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



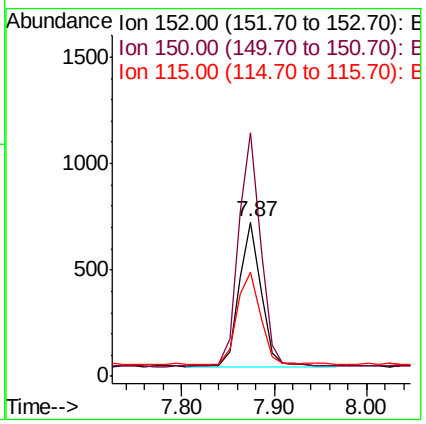


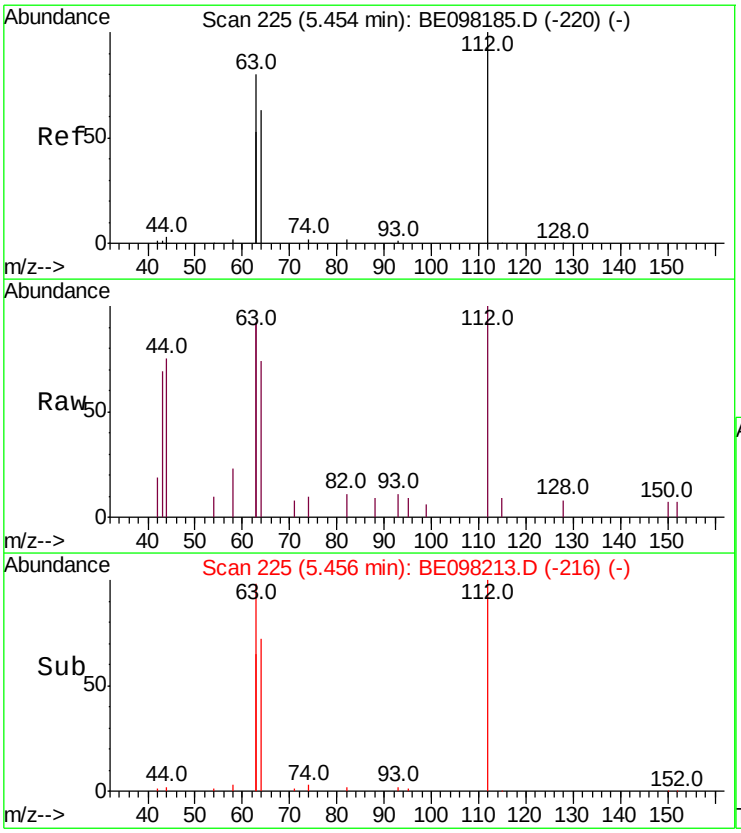
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1117

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.5	191.3
115	67.7	60.3	90.5

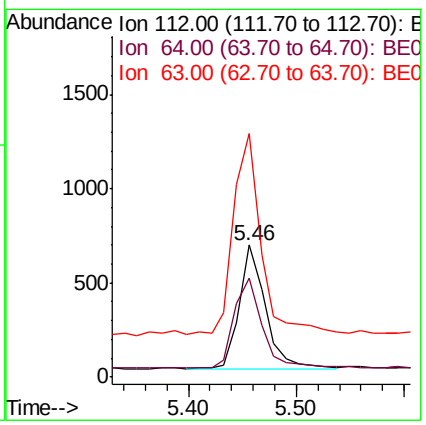


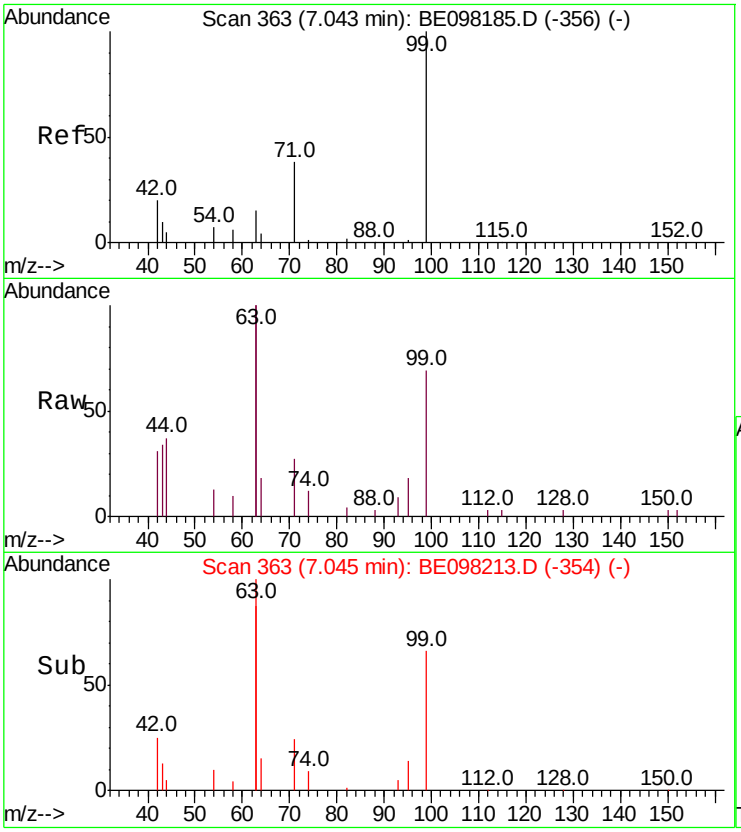


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:112 Resp: 1088

Ion	Ratio	Lower	Upper
112	100		
64	80.4	61.7	92.5
63	176.3	136.2	204.2



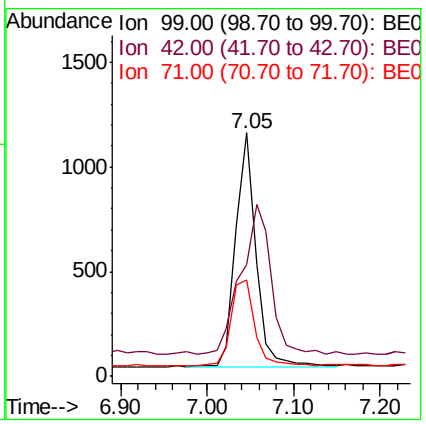


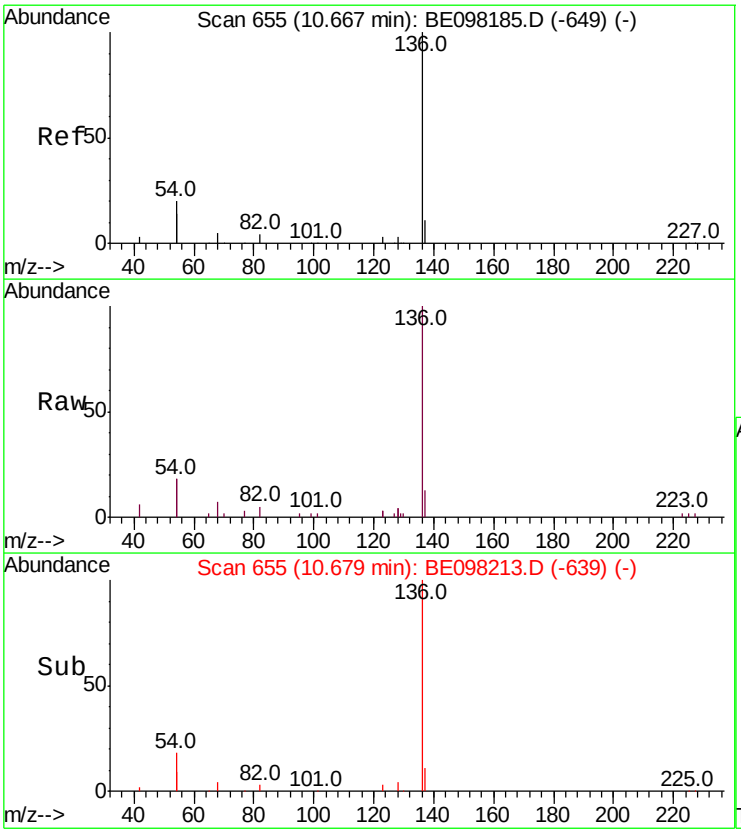
#5
Phenol-d6
Concen: 0.357 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1811

Ion	Ratio	Lower	Upper
99	100		
42	96.2	27.1	40.7#
71	42.3	37.0	55.6

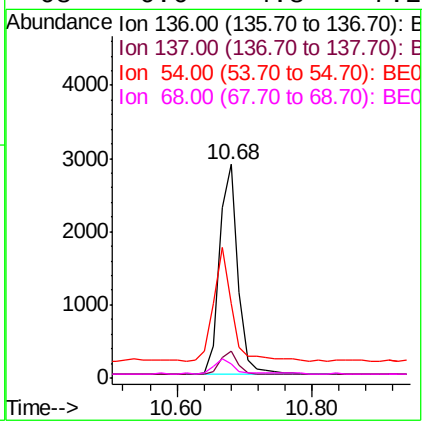


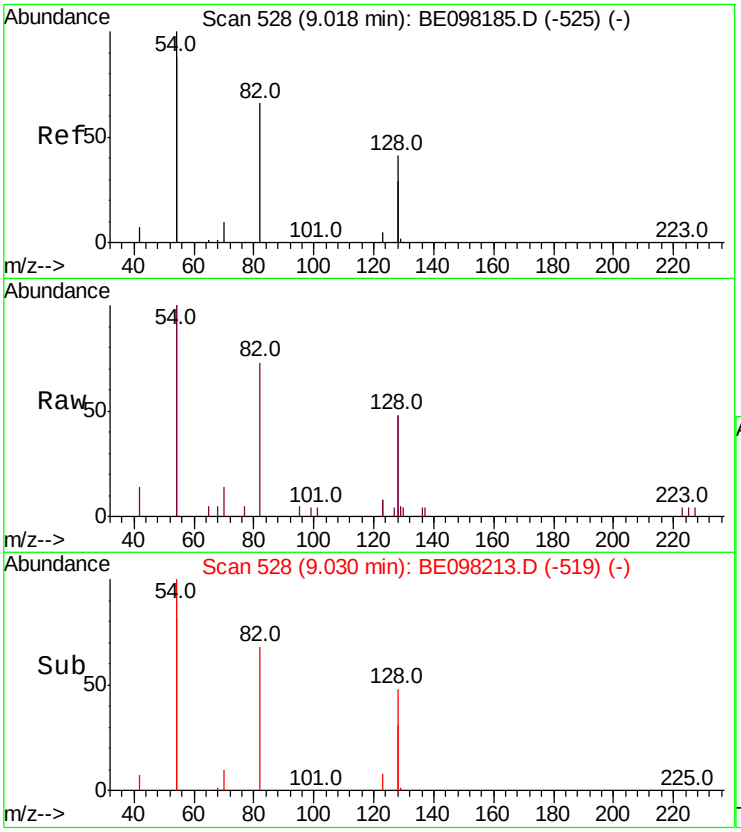


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:136 Resp: 5577

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	35.0	31.3	46.9
68	6.6	4.8	7.2



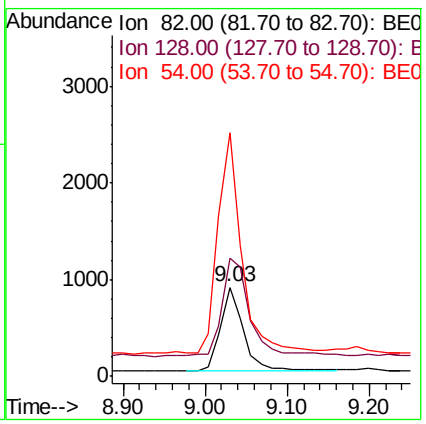


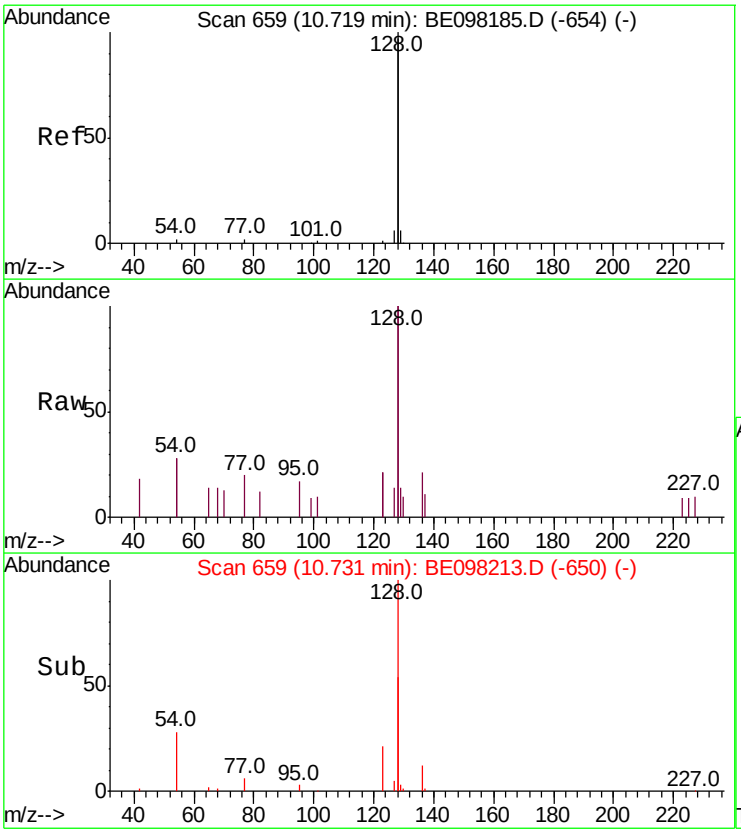
#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1707

Ion	Ratio	Lower	Upper
82	100		
128	132.7	96.1	144.1
54	274.3	232.0	348.0

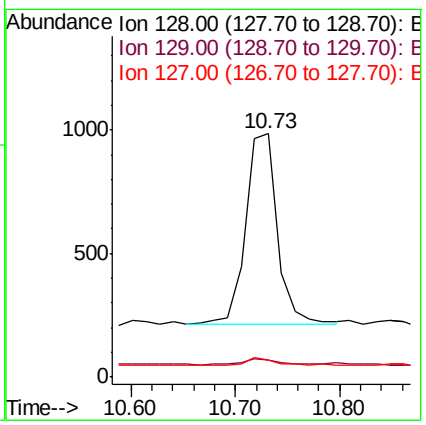


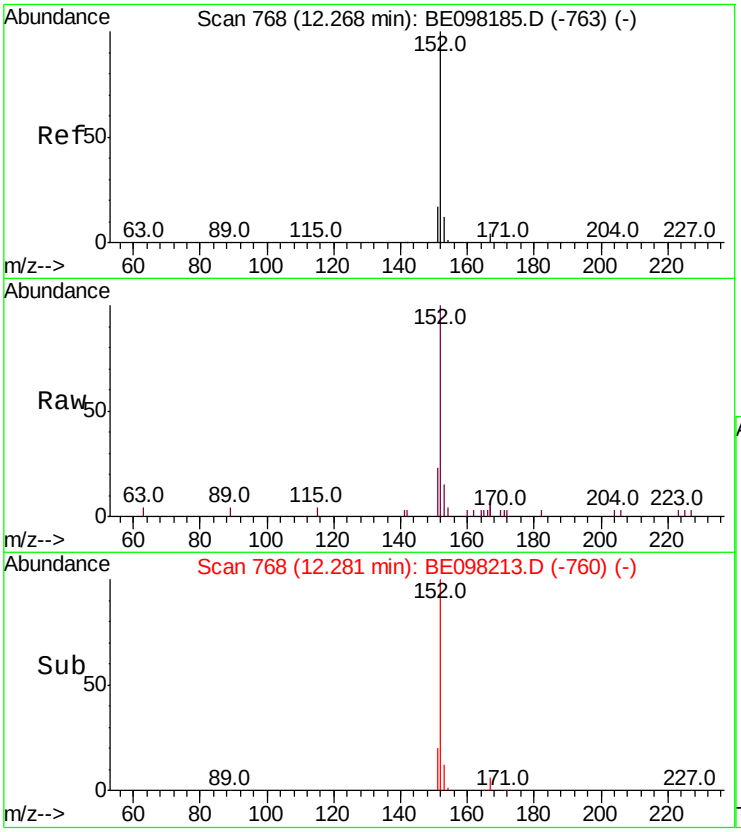


#9
Naphthalene
Concen: 0.029 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:128 Resp: 1637

Ion	Ratio	Lower	Upper
128	100		
129	7.1	2.6	4.0#
127	7.1	2.8	4.2#



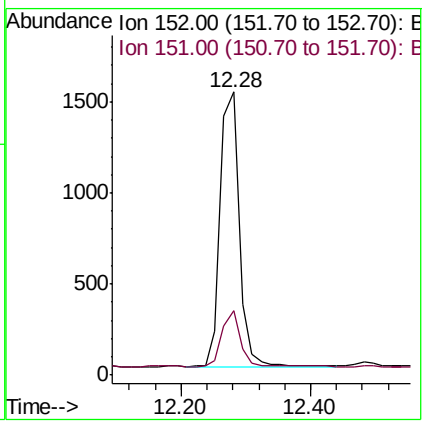


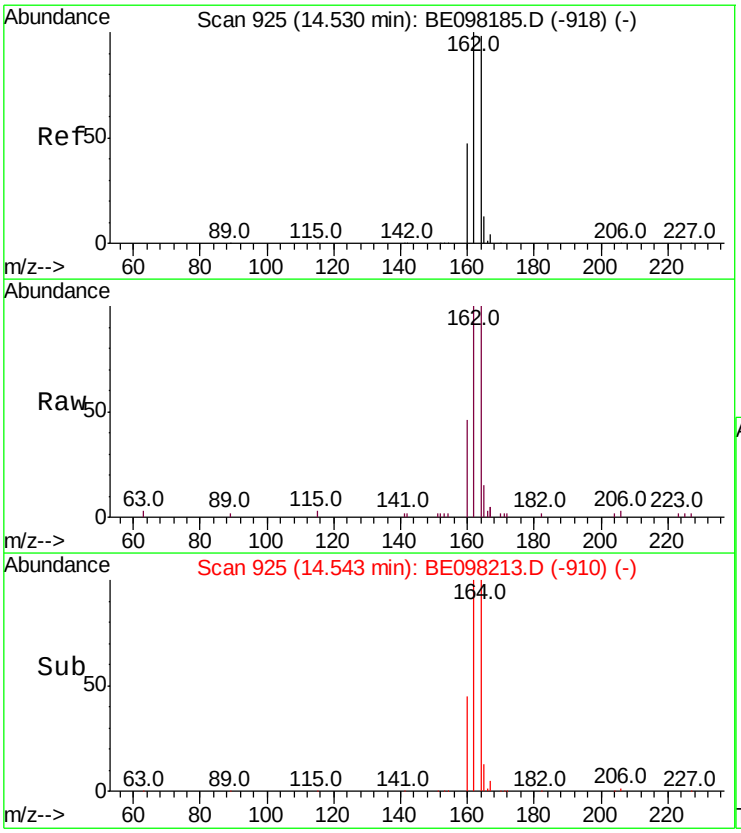
#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3095

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

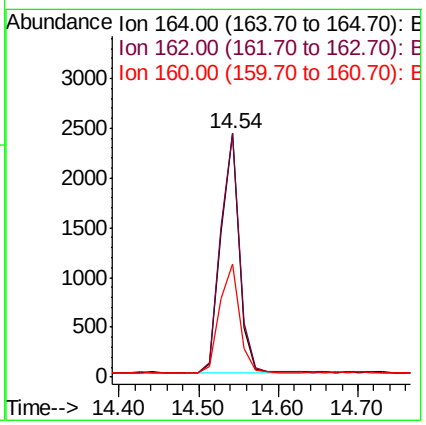


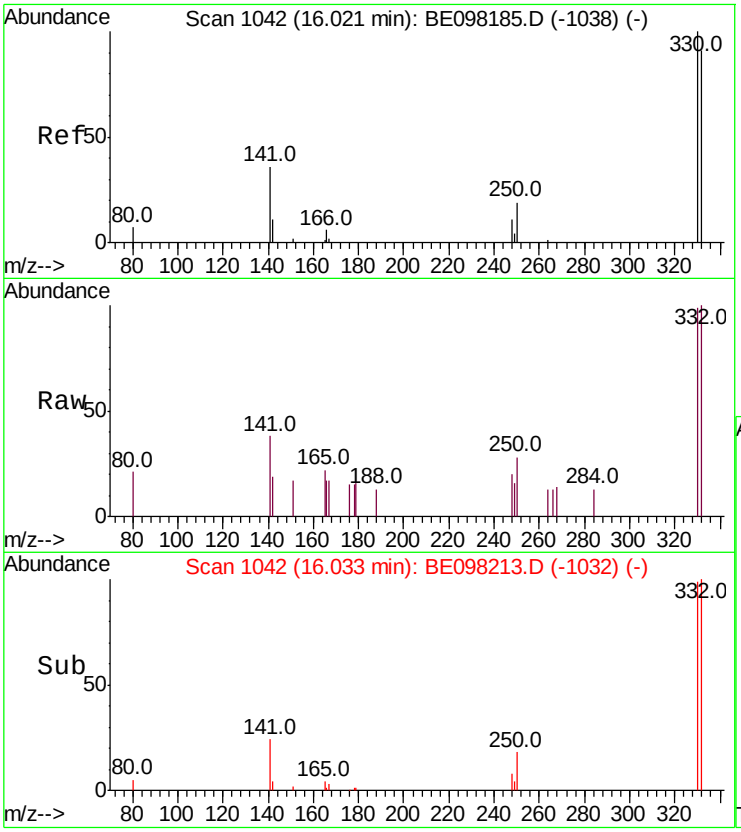


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:164 Resp: 3811

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.8	122.6
160	46.4	39.4	59.0



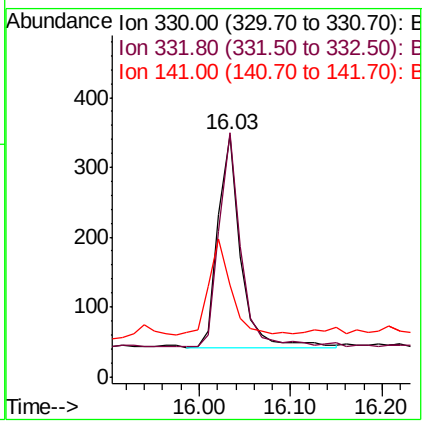


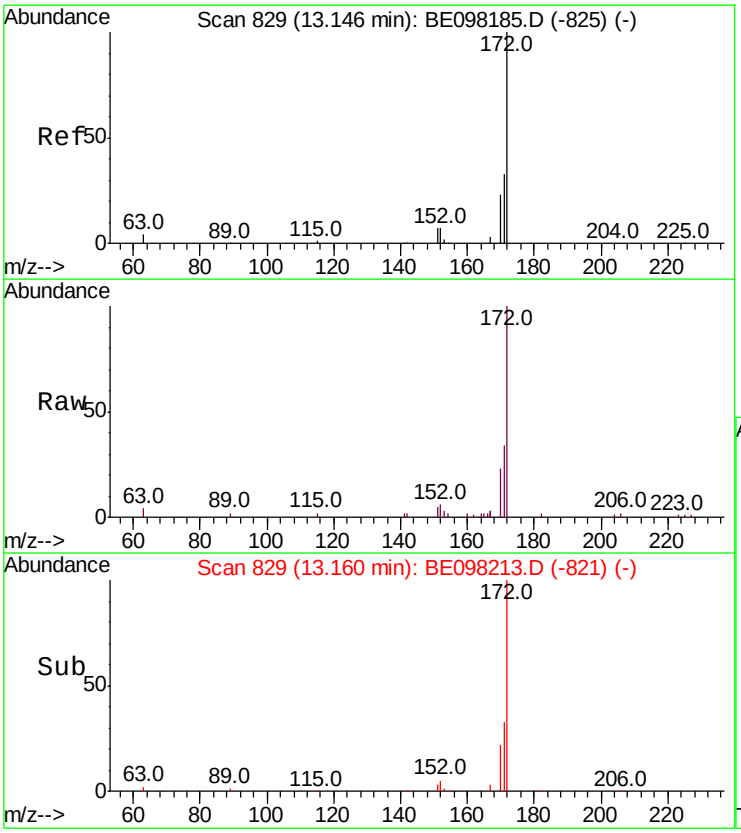
#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 524

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	46.0	33.6	50.4

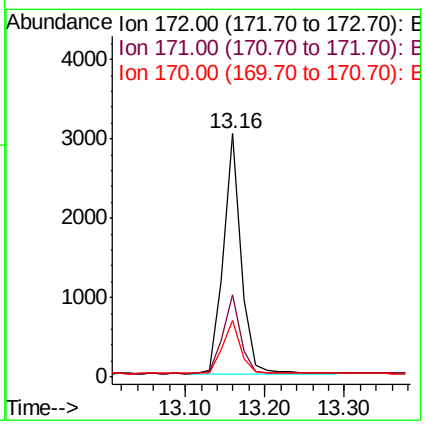


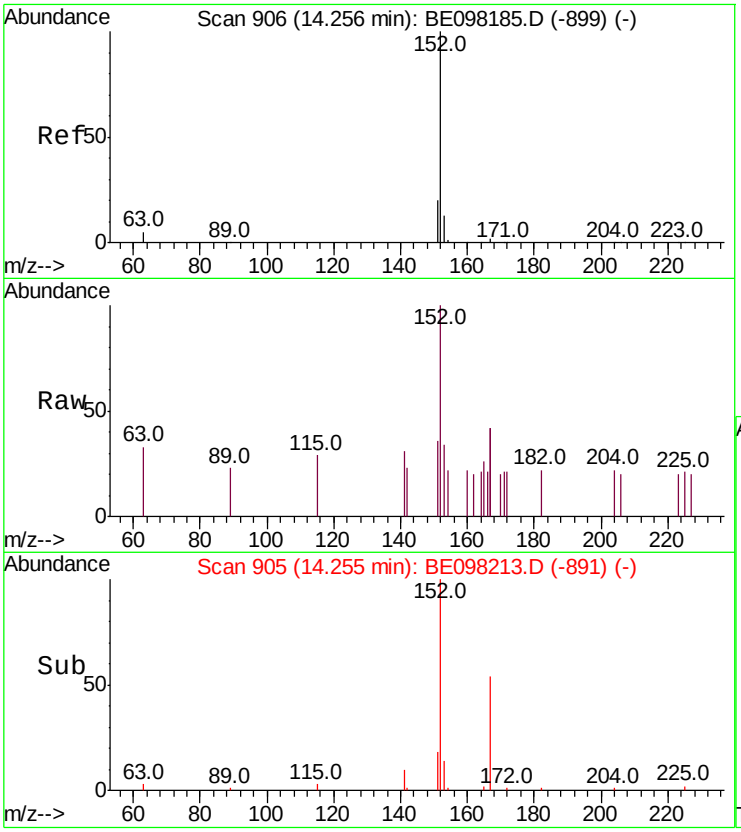


#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:172 Resp: 4633

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.3	40.9
170	23.2	19.4	29.0



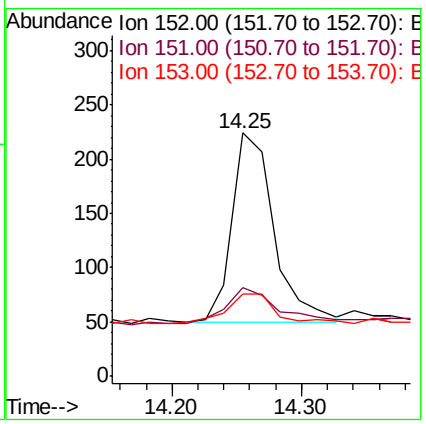


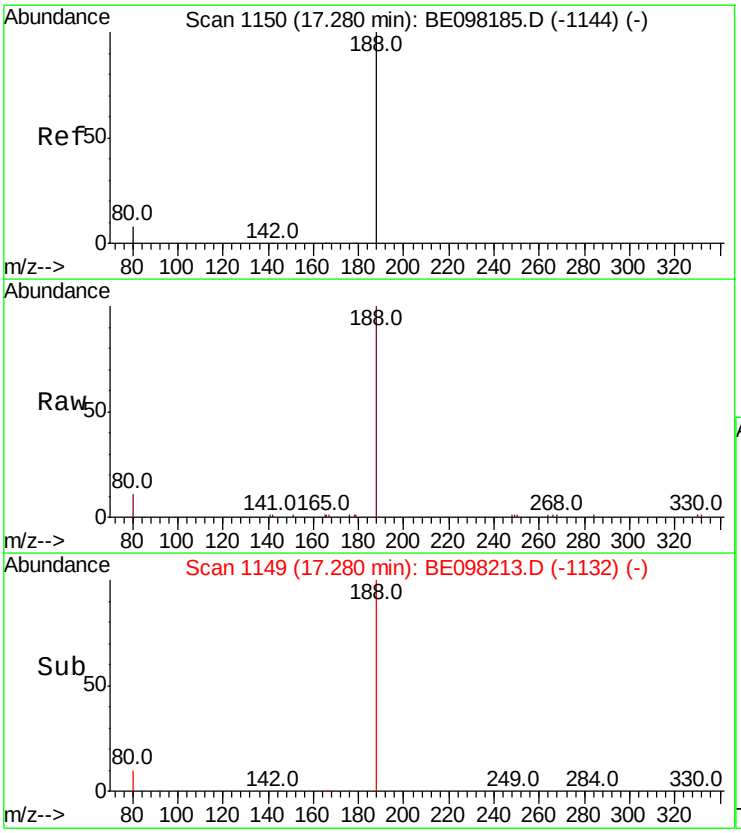
#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 389

Ion	Ratio	Lower	Upper
152	100		
151	28.8	16.4	24.6#
153	20.1	10.6	15.8#

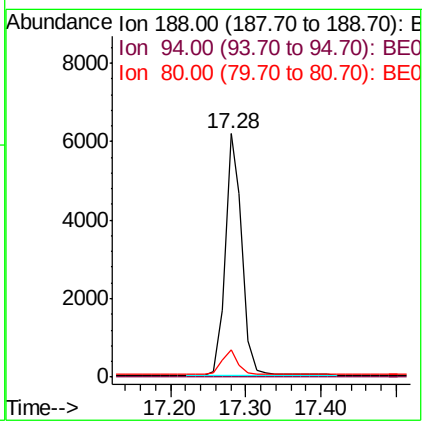


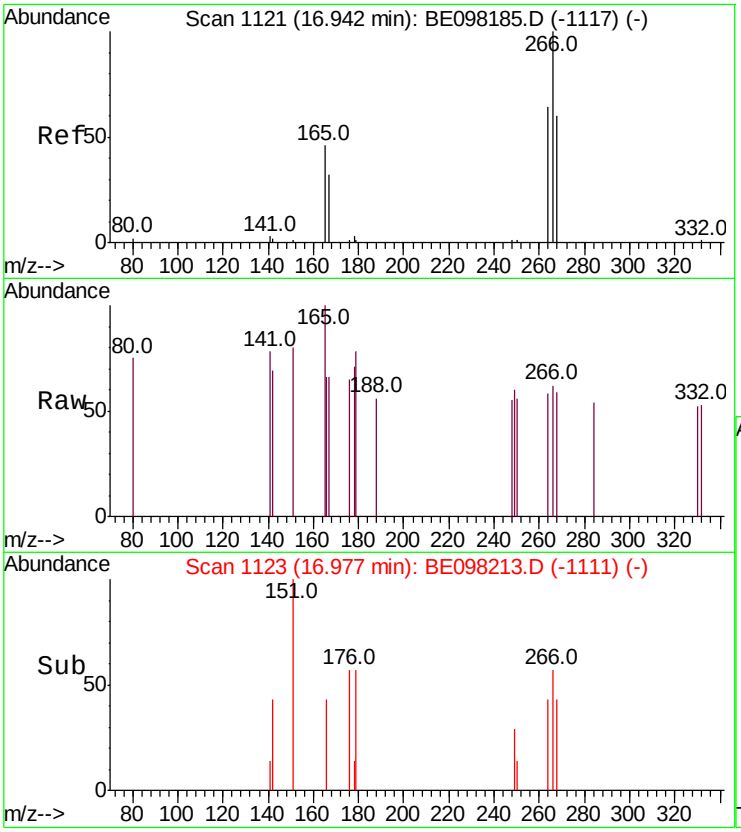


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:188 Resp: 9661

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	6.7	10.1#



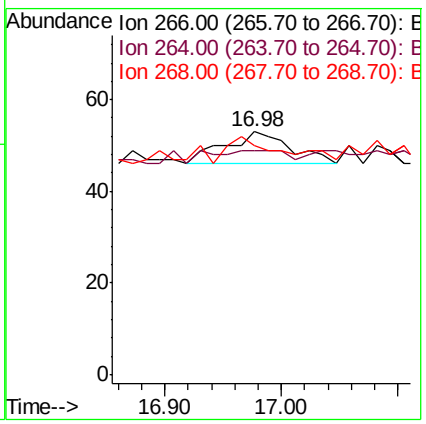


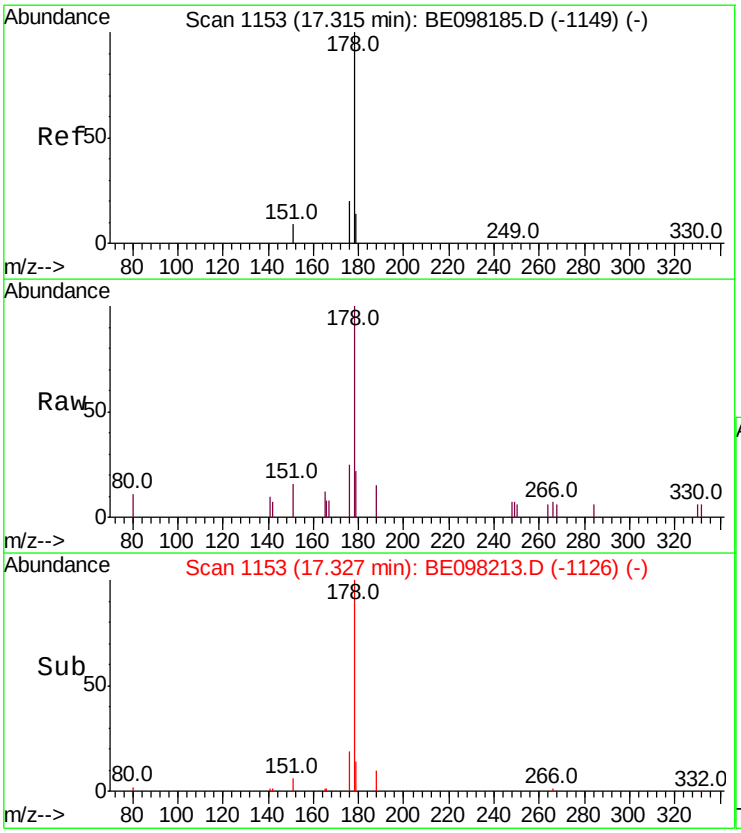
#22
Pentachlorophenol
Concen: 0.100 ng
RT: 16.98 min Scan# 1123
Delta R.T. 0.04 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	92.5	57.6	86.4#
268	94.3	56.8	85.2#

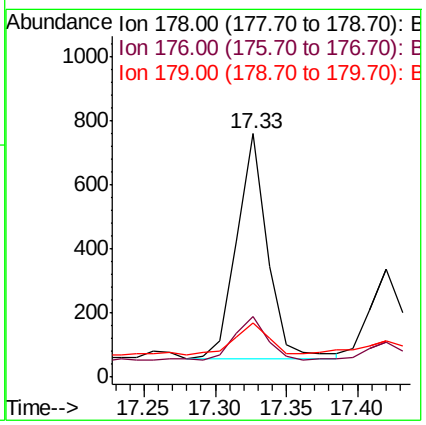


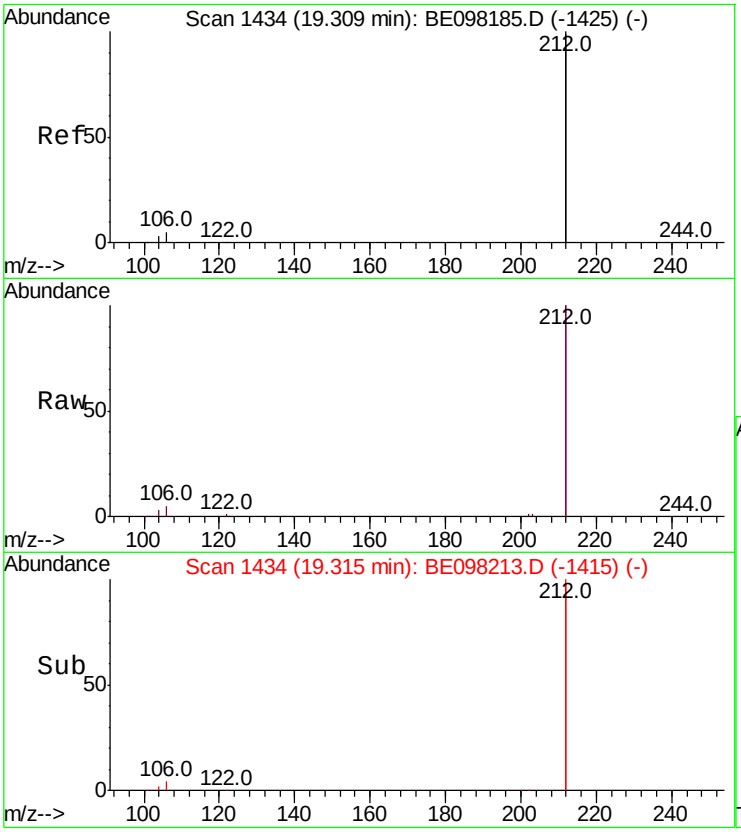


#23
Phenanthrene
Concen: 0.044 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:178 Resp: 1052

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	17.8	12.3	18.5



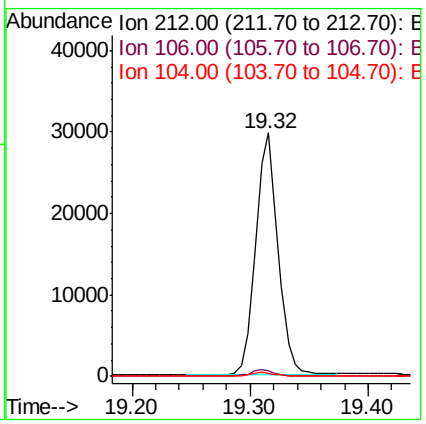


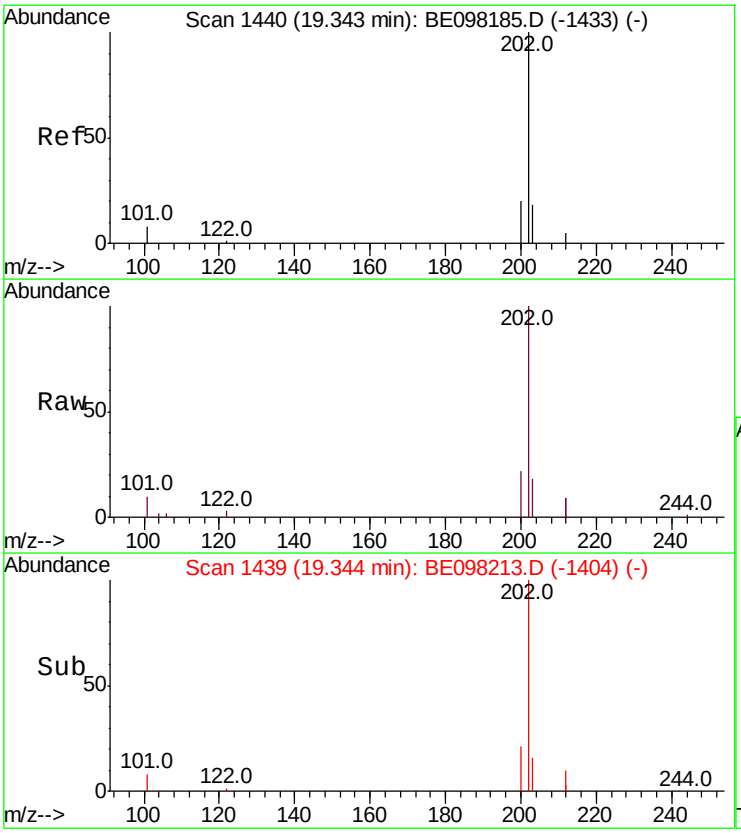
#25
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.32 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38943

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.5	1.1	1.7

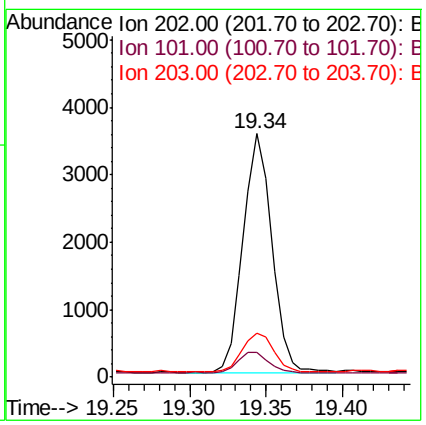


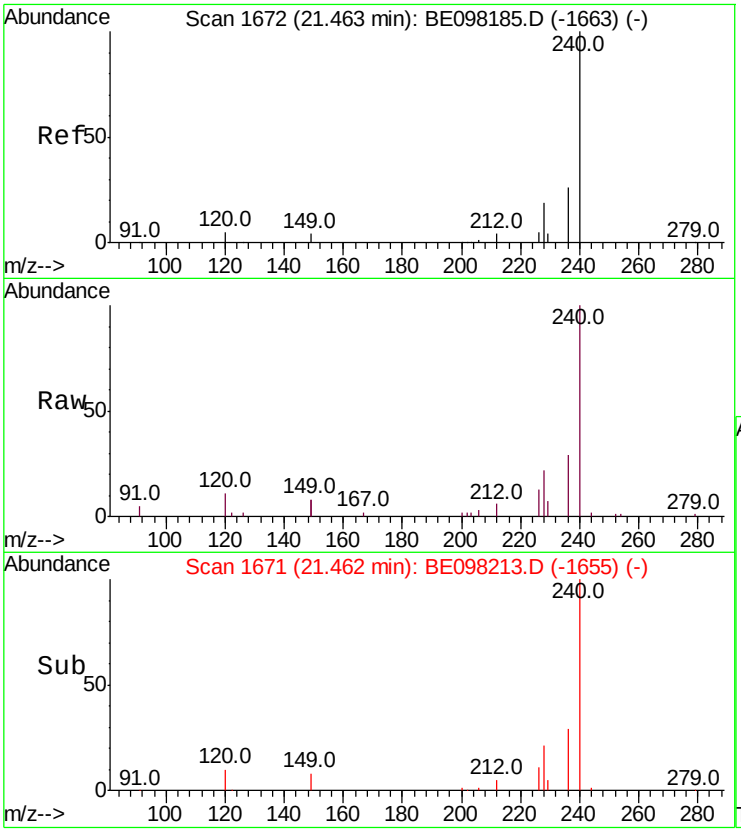


#26
Fluoranthene
Concen: 0.157 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:202 Resp: 4670

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.6
203	17.0	13.7	20.5



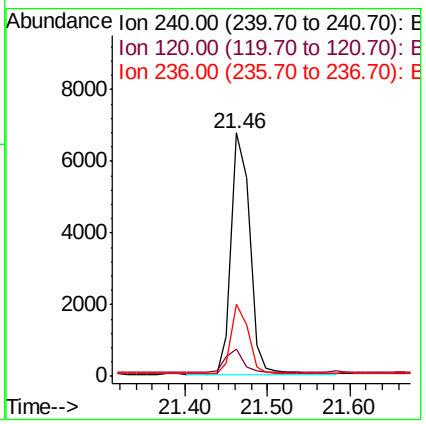


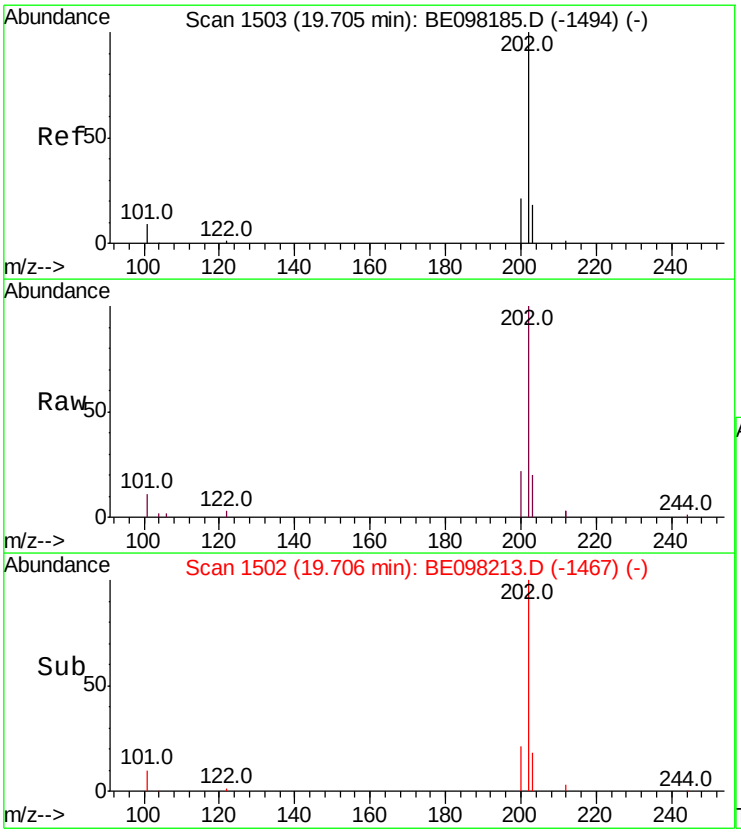
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10517

Ion	Ratio	Lower	Upper
240	100		
120	11.1	4.8	7.2#
236	29.4	21.4	32.0

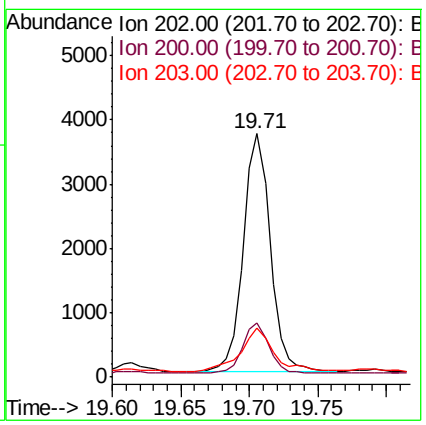


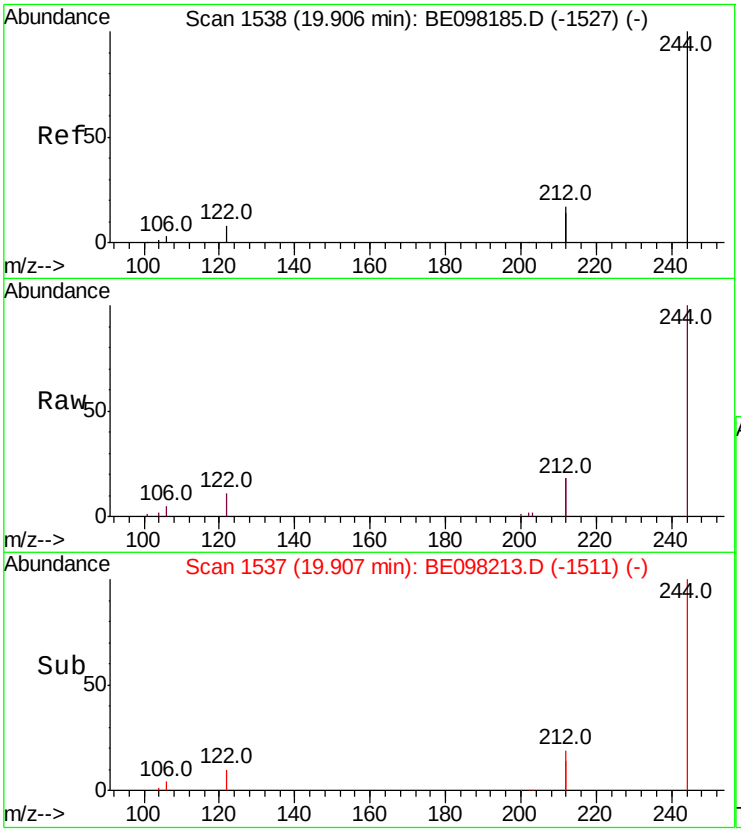


#28
Pyrene
Concen: 0.176 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:202 Resp: 5083

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	22.2	14.2	21.4#



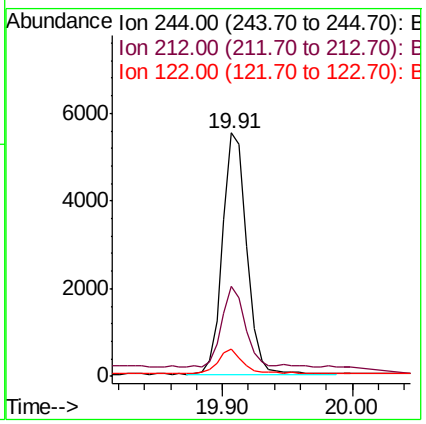


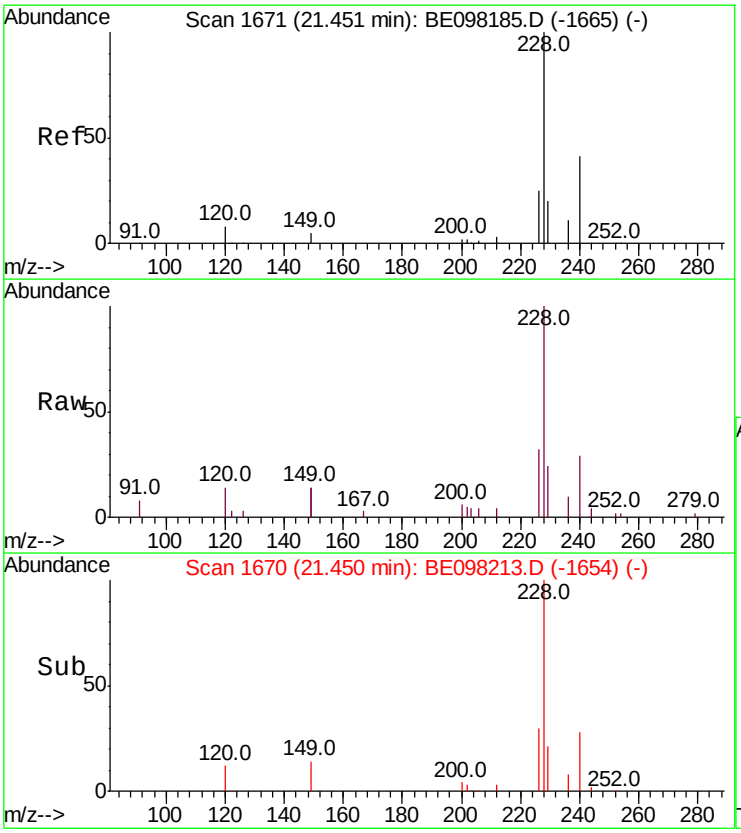
#29
Terphenyl-d14
Concen: 0.295 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7044

Ion	Ratio	Lower	Upper
244	100		
212	36.8	26.8	40.2
122	11.3	7.0	10.6#

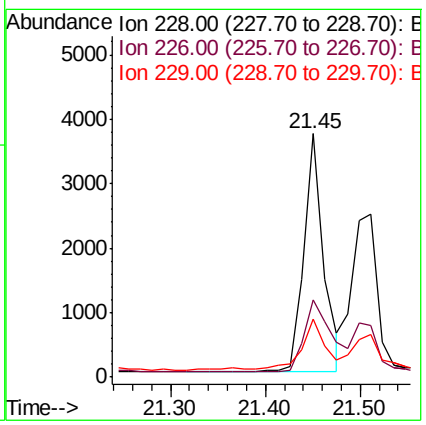


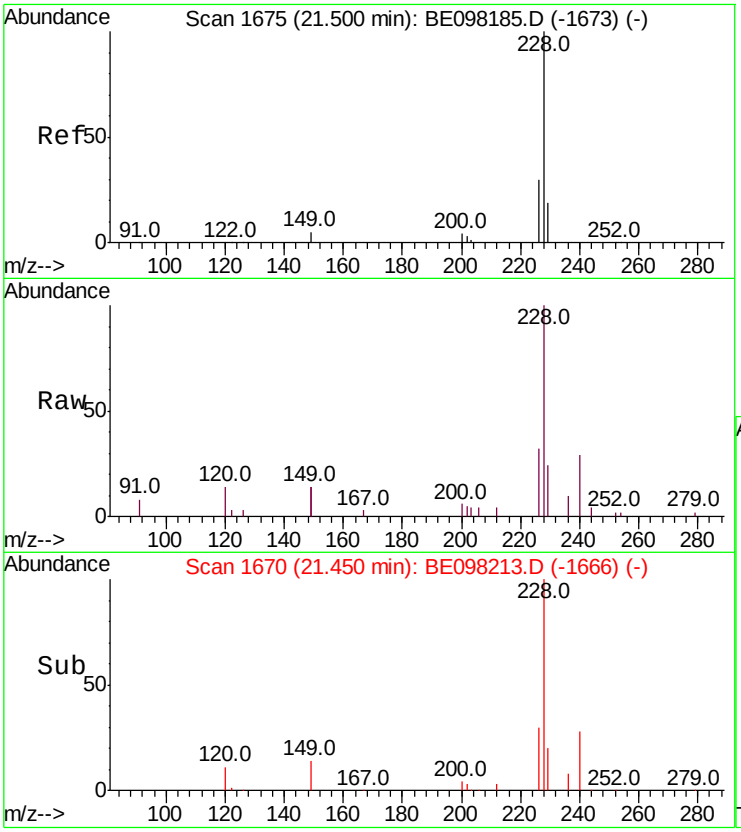


#30
Benzo(a)anthracene
Concen: 0.179 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:228 Resp: 5347

Ion	Ratio	Lower	Upper
228	100		
226	31.7	20.7	31.1#
229	23.7	16.2	24.4



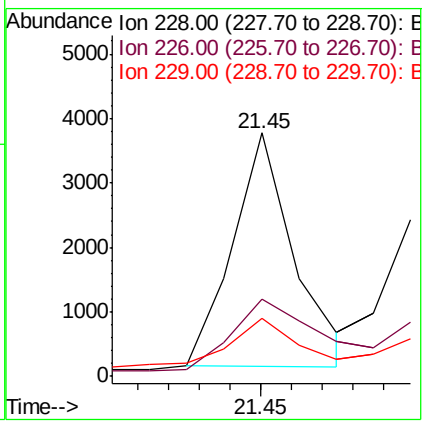


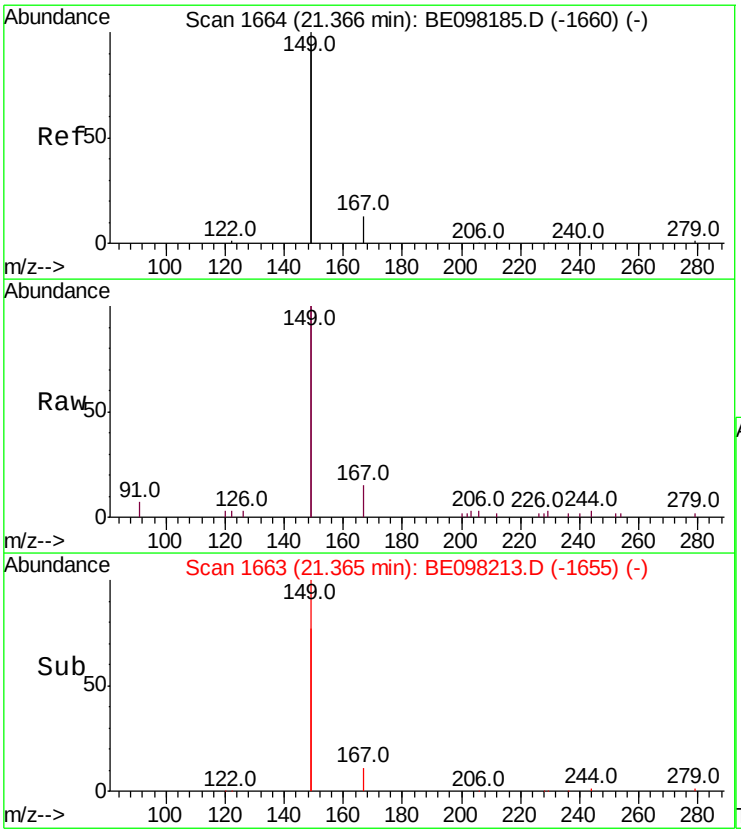
#31
Chrysene
Concen: 0.164 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.05 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4965

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	36.8
229	23.7	16.0	24.0

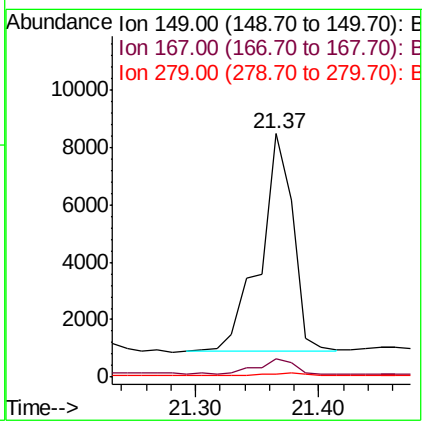


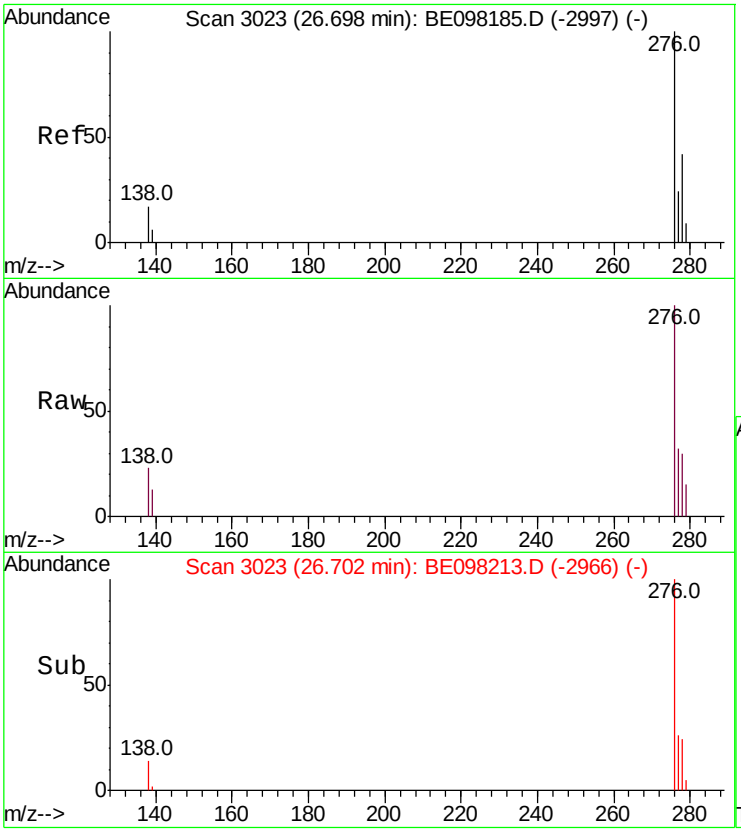


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.227 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:149 Resp: 14099

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.0	0.9	1.3



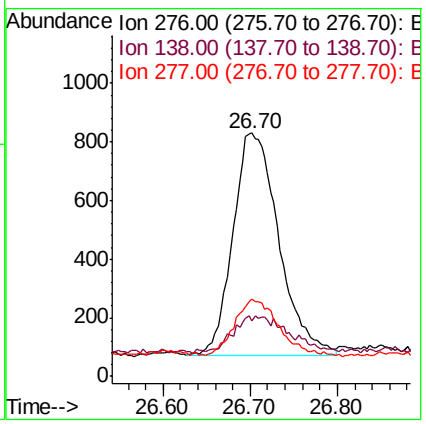


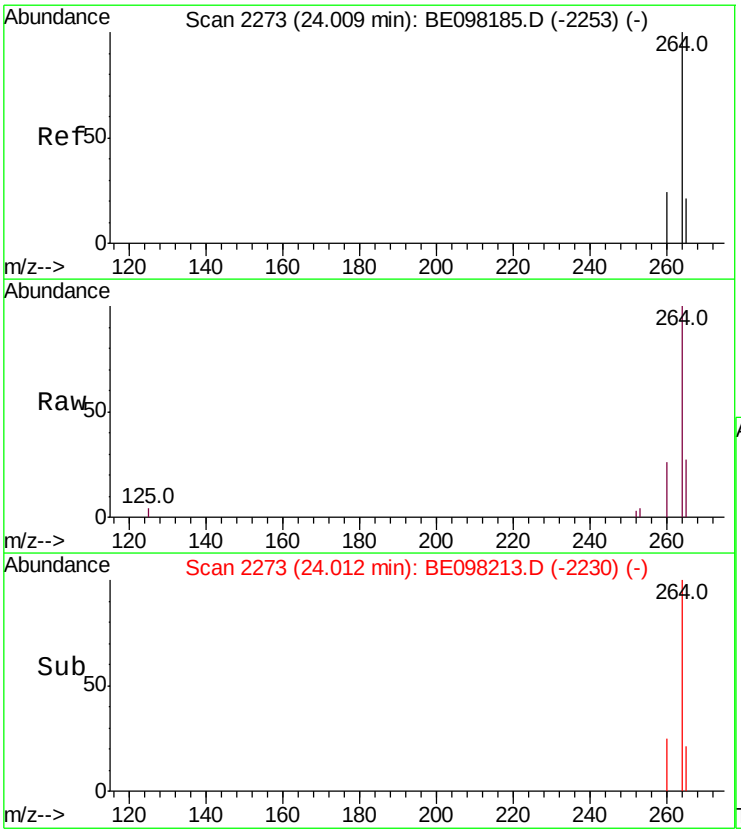
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2774

Ion	Ratio	Lower	Upper
276	100		
138	6.8	6.4	9.6
277	23.4	18.9	28.3

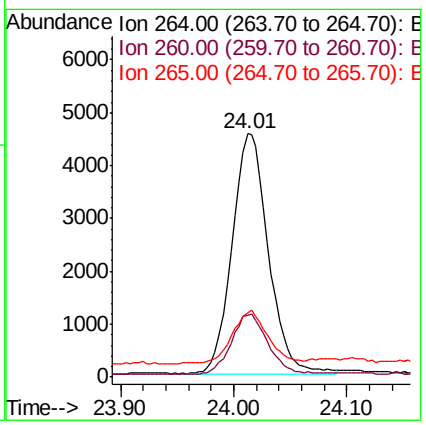


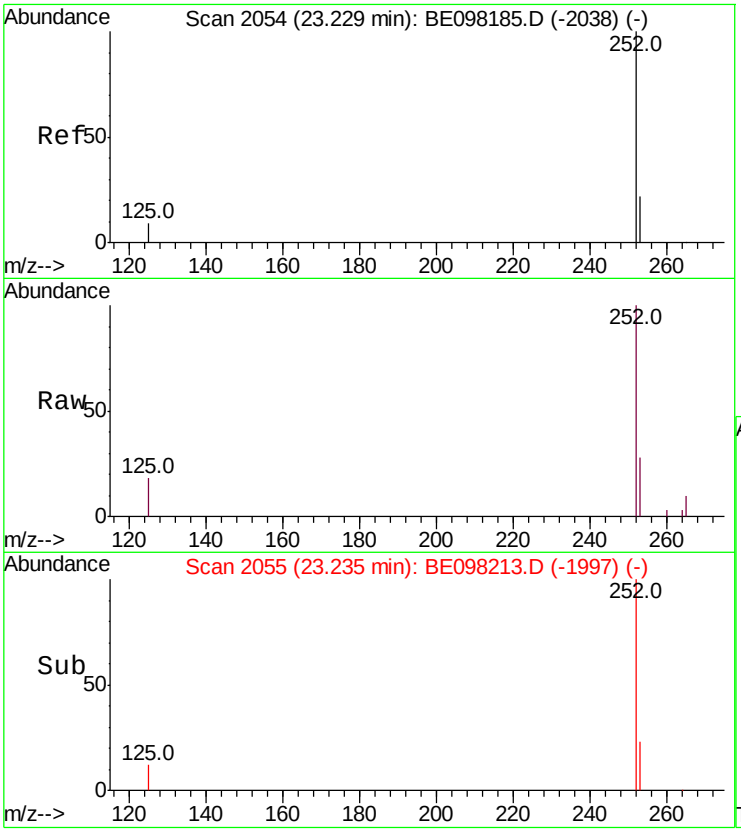


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:264 Resp: 10067

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.9	29.9
265	26.6	21.3	31.9



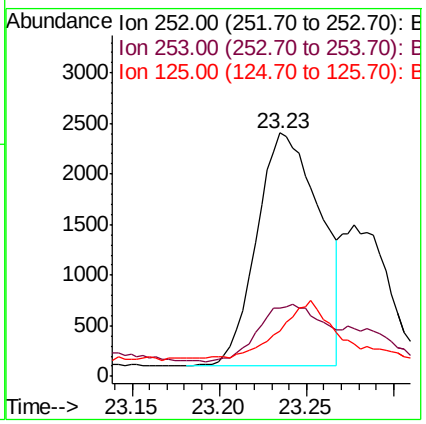


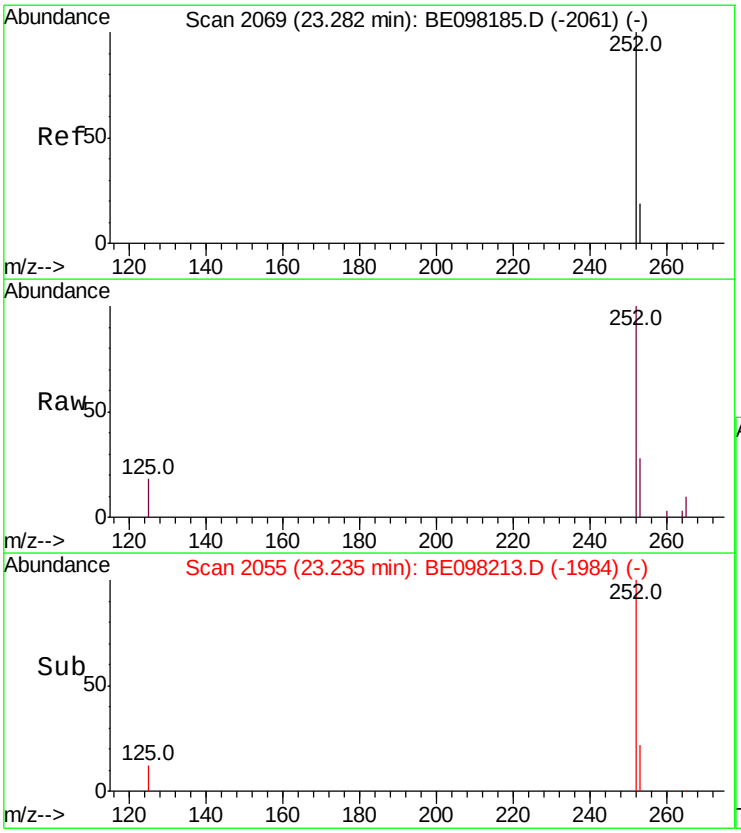
#35
Benzo(b)fluoranthene
Concen: 0.204 ng
RT: 23.23 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5821

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.4	29.0
125	18.4	8.6	12.8#

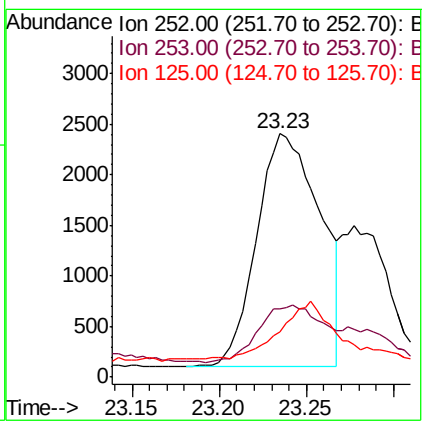


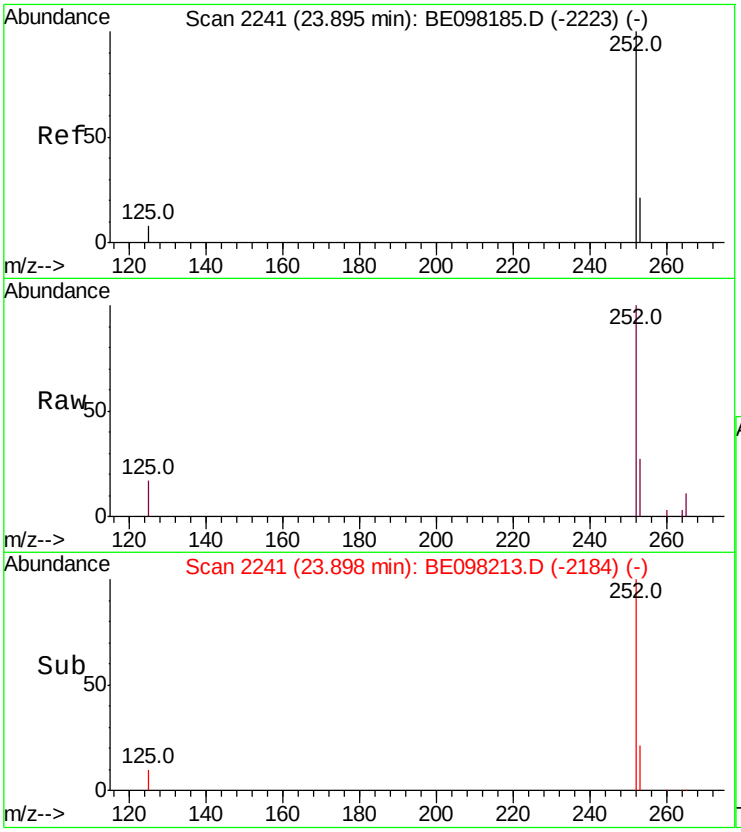


#36
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 23.23 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:252 Resp: 5821

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.6	28.0#
125	18.4	7.4	11.0#



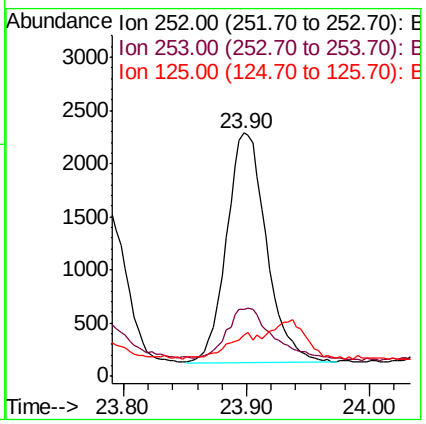


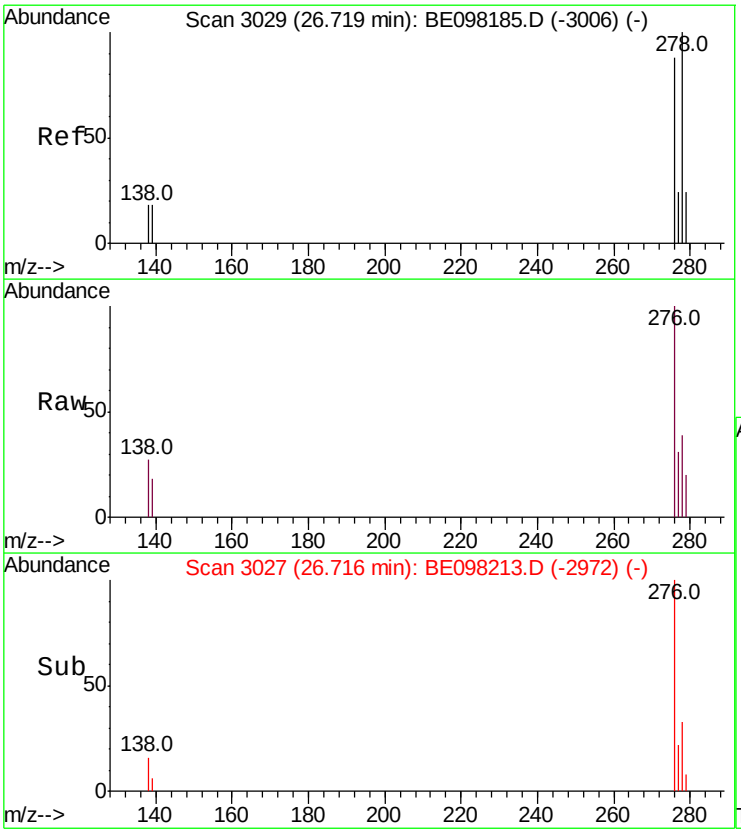
#37
Benzo(a)pyrene
Concen: 0.178 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4887

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.6	27.8
125	16.8	8.0	12.0#

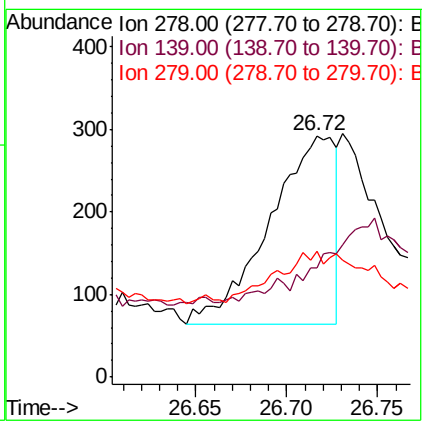


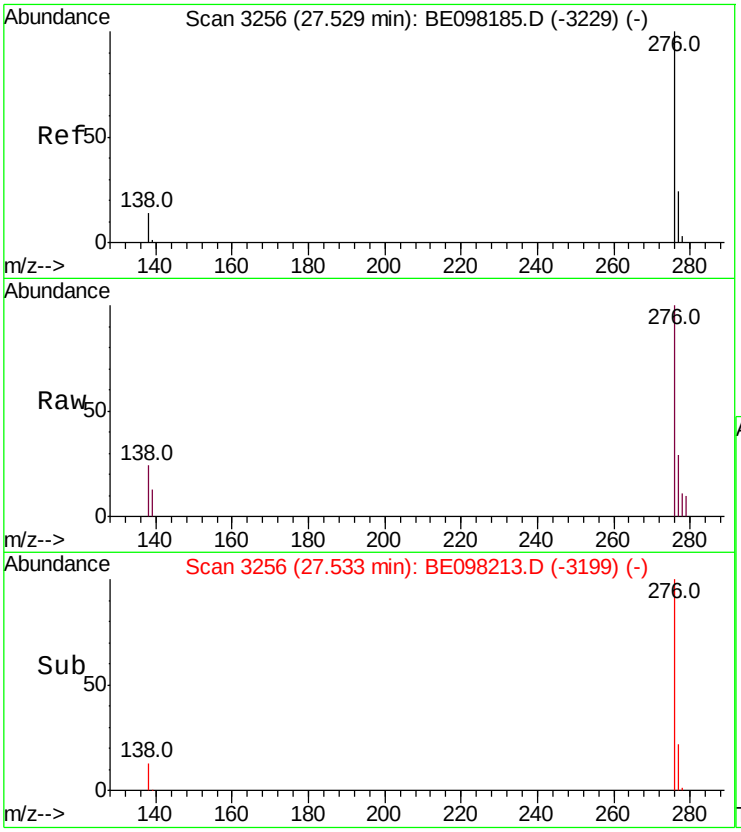


#38
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Tgt Ion:278 Resp: 575

Ion	Ratio	Lower	Upper
278	100		
139	45.5	16.4	24.6#
279	52.1	21.3	31.9#





#39
Benzo(g,h,i)perylene
Concen: 0.112 ng
RT: 27.53 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BE098213.D
Acq: 13 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2736

Ion	Ratio	Lower	Upper
276	100		
277	29.4	20.4	30.6
138	24.4	13.2	19.8#